

CLAIMS

WHAT IS CLAIMED:

- 1 1. A drive assembly, comprising:
2 a carrier;
3 a drive supported by the carrier, the drive including a bus connector and a power
4 connector;
5 a plurality of cables coupled to the bus connector and power connector;
6 an interface board, including:
7 an expander coupled to the cables; and
8 an external connector coupled to the expander.

- 1 2. The drive assembly of claim 1, wherein the drive includes an Id connector, and
2 the plurality of cables includes a cable coupled to the Id connector.

- 1 3. The drive assembly of claim 1, wherein the interface board further comprises a
2 terminator coupled between the cables and the expander.

- 1 4. The drive assembly of claim 1, wherein the bus connector comprises at least one
2 of a 50-pin and a 68-pin small computer system interface (SCSI) connector.

- 1 5. The drive assembly of claim 1, wherein the external connector comprises a single
2 connector attachment (SCA) connector.

1 6. The drive assembly of claim 1, wherein the drive comprises one of a tape drive
2 and a hard disk drive.

1 7. A storage array, comprising:

2 a backplane;

3 a plurality of storage devices coupled to the backplane, each storage device comprising:

4 a carrier;

5 a drive supported by the carrier, the drive including a bus connector, a power

6 connector, and an ID connector;

7 a plurality of cables coupled to the bus connector, power connector, and ID

8 connector; and

9 an interface board, including:

10 an expander coupled to the cables; and

11 an external connector coupled to the expander.

12 a bus coupled to the storage devices; and

13 at least one input/output connector coupled to the bus.

1 8. The storage array of claim 7, wherein the drive includes an Id connector, and the
2 plurality of cables includes a cable coupled to the Id connector.

1 9. The storage array of claim 7, wherein the interface board further comprises a
2 terminator coupled between the cables and the expander.

1 10. The storage array of claim 7, wherein the bus connector comprises at least one of
2 a 50-pin and a 68-pin small computer system interface (SCSI) connector.

1 11. The storage array of claim 7, wherein the external connector comprises a single
2 connector attachment (SCA) connector.

1 12. The storage array of claim 7, wherein the backplane comprises a hot-plug
2 backplane.

1 13. The storage array of claim 7, wherein the bus comprises a small computer system
2 interface (SCSI) bus.

1 14. The storage array of claim 7, wherein the drive comprises one of a tape drive and
2 a hard disk drive.